

ABSTRACT OF THE DISCLOSURE

A valve base module comprising a tank core passage extending through a non-vertical plane defined by a longitudinal axis and a non-vertical cross-section extending through a valve housing. The non-vertical plane is disposed at an offset angle α relative to a vertical plane to permits one or more of at least P, T, A, and B ports to connect a bottom surface to a top surface of the valve housing to form one or more of at least P', T', A', and B' ports that permit additional modules to be mounted thereon, including, a pilot control module (including a pilot control valve assembly), thermal insulating module, power supply module, pressure reducing module (including a pressure reducing valve cartridge), diagnostic module (including a shuttle valve assembly), load sense module, position feedback sensor module, and manual override module, wherein the bottom surface conforms to a standard mounting pattern.